

GENERAL ABSTRACT

OF THE NUMBERS OF

MARRIAGES, BIRTHS, AND DEATHS

REGISTERED IN

IRELAND

DURING THE YEAR

1884.

Presented to both Houses of Parliament by Command of Her Majesty.



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1885.

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TO HIS EXCELLENCY

JOHN POYNTZ, EARL SPENCER, K.G.,

&c. &c. &c.

LORD LIEUTENANT-GENERAL AND GENERAL GOVERNOR OF IRELAND.

MAY IT PLEASE YOUR EXCELLENCY,

In compliance with the provisions of the Acts 7 & 8 Vic., cap. 81, 28 Vic., cap. 11, and 28 and 27 Vic., cap. 90, I have the honour to transmit, in order that the same may be laid before Parliament, a General Abstract of the numbers of Marriages, Births, and Deaths registered in Ireland during the year 1884.

During the year 22,670 Marriages, 119,195 Births, and 87,564 Deaths were registered; in the same period (according to the returns obtained by the Royal Irish Constabulary and the Metropolitan Police, who acted as enumerators at the several Irish seaports), 75,863 persons emigrated. A decrease of 44,332 would thus appear to have taken place in the population. The estimated population in the middle of the year was 4,962,570.

The mean temperature at Dublin for the year was 49°6' against an average of 48°9' for the years 1865-84, and the rain-fall measured 20·467 inches, being 7·548 in. under the average for the twenty years.

MARRIAGES.—The number of Marriages registered in Ireland during the year 1884 was 22,670, being equal to a ratio of 1 in 219, or 4·37 per 1,000, of the estimated population in the middle of the year. Of this number, 15,932 were registered under the provisions of the Act 26 & 27 Vic., cap. 90, and 6,738 under the 7 & 8 Vic., cap. 81, being equal respectively to 1 Marriage in every 233 Roman Catholics, and 1 in every 173 Protestants. The average annual number of Marriages registered in the ten years 1874-83 was 23,375, or 4·45 per 1,000 of the mean population; the rate for the year 1863 was 4·26 per 1,000 persons.

BIRTHS.—The Births registered in Ireland during the year number only 119,195—61,310 boys and 57,885 girls—affording a ratio of 1 in every 41·6, or 24·0 per 1,000 of the population, against an average rate of 25·2 per 1,000 for the previous ten years.

DEATHS.—The number of Deaths registered was 87,564—43,613 males and 43,951 females—equal to a ratio of 1 in every 56·7, or 17·6 per 1,000 of the population, being 0·8 under the average rate for the ten years 1874-83, and 1·6 under the rate for 1863.

Ages.—Of the 87,564 Deaths registered during the year, 11,024, or 12·6 per cent., were of children under 1 year old, and 33,039, or 40·0 per cent., were of persons aged 60 years and upwards; the deaths of infants under one year old are equal to 92·5 per 1,000 Births registered.

Diseases.—During the year, 7,221 Deaths were returned by the Registrars as having been caused by one or other of the principal zymotic diseases, being 8·2 per cent. of the total Deaths, and equal to 1·46 in every 1,000 persons living. The average annual number of Deaths from these diseases during the previous ten years was 10,091, or 1·95 in every 1,000 of the estimated average population, the lowest number during that period being 7,510 in the year 1881, and the highest 12,737 in 1874.

Of the 7,221 Deaths from these diseases last year, one, only, was ascribed to small-pox, which had caused 16 deaths in the year 1883, and an average annual number of 335 in the ten years 1874-83; 485 were caused by measles, of which disease there had been 801 fatal cases in the preceding year, and 1,313 in the year 1882;

1,342 by scarlet fever, being 423 less than the number for the year 1883, and 724 under the average for the ten years 1874-83; 346 by diphtheria; 1,650 by whooping-cough (showing a decline of 391 as compared with the number for the previous year); 1,785 by fever (758 typhus, 646 enteric or typhoid, and 381 simple continued and ill-defined fever), being 956 under the average for the ten years 1874-83; 1,588 by diarrhoea, being 133 under the average; and 24 by simple cholera.

Inquests.—There were 3,140 inquests reported to the Registrars, being 1 inquest to every 41 deaths registered.

Deaths in Public Institutions.—Of the 87,564 Deaths registered during the year, 14,165, or 16.2 per cent, occurred in public institutions.

Being closely connected with the subject of Vital Statistics, Tables relating to Emigration, Pauperism, the Weather, and the Prices of the principal articles of Food, are appended.

Incorporated with the Abstract of Marriages, Births, and Deaths are Vaccination Statistics for each Province, County, and Superintendent Registrar's District. I submit also a table (Table V.) showing the Births and Deaths, and the Deaths from the principal Zymotic Diseases in the Urban Sanitary Districts of Ireland, and affording the means of comparison between the mortality in these districts and that in the rural portions of the country. The figures in this table and the details regarding vaccination are given on the authority of the Registrars, by whom the information for their respective districts was compiled from the original records.

As the general tabulation of the records of Marriages, Births, and Deaths for the year 1884 has not yet been completed, the particulars given in the Abstract, which are derived from the preliminary Quarterly Returns furnished by the Registrars, will probably be found to differ, in some instances, but not to any important extent, from the revised numbers in the Abstracts to be hereafter presented to Parliament with my detailed Report on the registration for the year.

I have the honour to be,

Your Excellency's very faithful servant,

T. W. GRIMSHAW,

Registrar-General.

GENERAL REGISTER OFFICE,

CHARLEMONT HOUSE, DUBLIN,

19th March, 1885.

TABLE I.—Showing for each of the Years 1874-84 the estimated Population; the number of Marriages, Births, and Deaths registered, and the number of Emigrants enumerated, with the rates per 1,000 of the estimated Population represented thereby, and the averages for the Ten Years 1874-83.

Years.	Estimated Population in the middle of each year.	Numbers Registered.			Number of Emigrants as returned by the Registrar-General.	Rate per 1,000 of Estimated Population.			
		Marriages.	Births.	Deaths.		Marriages.	Births.	Deaths.	Emigrants.
1874.	3,261,070	26,490	241,299	51,263	72,394	813	206	154	226
1875.	3,373,638	26,027	238,299	53,114	51,408	772	201	156	151
1876.	3,371,544	26,293	240,469	52,224	51,567	780	204	155	151
1877.	3,219,369	26,199	235,655	50,945	38,333	813	202	157	118
1878.	3,203,946	25,264	231,115	50,629	41,384	787	201	156	127
1879.	3,253,622	25,264	232,298	50,694	41,608	776	203	155	128
1880.	3,303,646	26,265	236,666	50,690	41,717	795	207	156	129
1881.	3,354,698	26,630	235,947	50,695	41,417	794	206	156	129
1882.	3,407,610	26,879	236,666	51,300	40,126	789	207	156	129
1883.	3,458,619	27,000	238,165	51,756	39,124	781	208	156	129
Ten Years Average, 1874-83.	3,351,657	26,510	237,260	50,623	40,372	789	207	156	129
1884.	3,462,673	27,010	238,165	51,756	39,124	781	208	156	129

TABLE II.—Showing for each REGISTRATION PROVINCE and COUNTY in Ireland the Annual Rate per 1,000 of the Population,* represented by the number of MARRIAGES, BIRTHS, and DEATHS registered in the Year 1884.

REGISTRATION PROVINCE AND COUNTY.	Annual Rate per 1,000 of the Population* represented by			REGISTRATION PROVINCE AND COUNTY.	Annual Rate per 1,000 of the Population* represented by		
	Marriages.	Births.	Deaths.		Marriages.	Births.	Deaths.
IRELAND.	40	200	156	II. MUNSTER.			
PROVINCES.				Cork.	85	212	167
I. LEINSTER.	40	207	157	Cork.	64	207	159
II. MUNSTER.	42	224	163	Kerry.	66	209	166
III. ULSTER.	40	208	156	Limerick.	60	206	155
IV. CONNAUGHT.	36	203	151	Tipperary.	49	202	150
I. LEINSTER.				Waterford.	49	219	151
Carlow.	46	216	166	III. ULSTER.			
Dublin.	70	263	206	Antrim.	49	200	153
Kildare.	69	203	151	Armagh.	47	204	157
Kilkenny.	65	207	156	Cavan.	51	207	159
King's.	66	214	156	Down.	54	211	163
Longford.	54	192	149	Down.	49	209	157
Louth.	45	216	159	Fermanagh.	56	204	154
Meath.	54	209	153	Londonderry.	66	203	156
Queen's.	59	203	151	Monaghan.	56	189	141
Westmeath.	49	207	153	Tyrone.	50	204	150
Wexford.	40	219	159	IV. CONNAUGHT.			
Wicklow.	56	203	156	Galway.	65	216	164
				Lettin.	67	208	166
				Mayo.	51	206	156
				Rooskey.	55	210	156
				Sligo.	56	204	157

* The population adopted for Ireland is the estimated population in the middle of the year 1884; that for each of the Provinces and Counties is the population as shown by the Census of 1881.

TABLE III.—Deaths from all causes, and from each of the principal Zymotic Diseases (Small-pox, Measles, Scarlet Fever, Typhus, Whooping-cough, Diphtheria, Simple continued and ill-defined Fever, Enteric Fever, Diarrhoea, and Cholera) registered in Ireland during the years 1874-84, with the average annual number in the ten years 1874-83; the annual mortality per 1,000 of the estimated population, from all causes, and from the above-named Diseases; and the ratio which the Deaths from these Diseases bear to the total Deaths registered in each Year.

[NOTE.—The particulars for the year 1884, derived from the Quarterly Statistical Returns furnished by the Registrars, are subject to revision.]

Years.	Total Deaths Registered.	Deaths from Principal Zymotic Diseases.										Annual Registered Mortality per 1,000 Persons living.		Ratio of Deaths from Zymotic Diseases to Total Deaths.
		Small-pox.	Measles.	Scarlet Fever.	Typhus.	Whooping-cough.	Diphtheria.	Simple Continued and Ill-defined Fever.	Enteric Fever.	Diarrhoea.	Cholera.	Total.	From all Causes.	
1874. . . .	51,261	650	887	4,024	710	2,022	565	1,460	819	1,671	803	14,792	37.37	3.74
1875. . . .	56,334	655	496	3,340	694	1,978	413	1,817	670	1,755	89	11,615	36.61	3.24
1876. . . .	67,224	24	664	3,112	616	1,648	808	1,685	565	1,615	79	9,317	37.93	1.56
1877. . . .	69,948	73	1,060	3,117	744	1,660	338	1,687	774	1,604	45	9,163	37.73	1.74
1878. . . .	59,472	672	2,712	1,876	745	1,182	336	1,121	545	1,513	58	11,001	36.43	2.70
1879. . . .	109,685	623	865	1,669	535	1,326	205	1,677	1,027	1,736	12	9,693	36.06	1.65
1880. . . .	161,256	305	1,055	2,440	694	9,271	354	3,018	1,067	4,200	67	15,181	35.40	2.43
1881. . . .	56,328	21	430	1,844	403	1,356	223	774	613	1,320	20	7,513	37.46	3.16
1882. . . .	69,682	123	1,318	1,530	744	825	305	627	846	1,364	41	5,944	37.56	1.56
1883. . . .	96,268	16	695	1,352	683	1,641	535	783	615	1,873	42	8,666	35.16	3.02
Yearly Average, 1874-83.	66,323	335	1,067	2,698	704	1,736	324	1,345	628	1,741	27	10,851	36.40	1.91
1884. . . .	87,761	1	450	1,362	736	1,655	308	695	858	1,636	24	7,321	37.04	1.96

TABLE IV.—AVERAGE PRICES in DUBLIN of BREAD, OATMEAL, POTATOES, and BEEF during the Years 1874-84, and the AVERAGE NUMBER of PERSONS in IRELAND receiving IN-DOOR and OUT-DOOR RELIEF on Saturdays in those Years; also the AVERAGE PRICES of PROVISIONS and the AVERAGE NUMBER of PERSONS in RECEIPT of RELIEF during each quarter of the Year 1884.

Years.	Average Prices of Provisions.						PARISHES.	
	BREAD (White & Yellow at 6d. & 5d. each)	OATMEAL (Best at 6d. & 5d. each)	POTATOES (at Dublin Market, per Cwt.)		RICE (at the Dublin Cattle Market, per Cwt.)		Average Number of Persons Relieved.*	
			s. d.		s. d.		In-door.	Out-door.
1874.	6	38 6	2 15	10 8 7	84 6	to 75 6	47,600	20,325
1875.	7	37 1	2 11	4 7	87 0	.. 75 6	45,000	20,261
1876.	7	35 7	3 5	8 5	85 0	.. 75 6	45,685	21,095
1877.	8	37 10	4 7	8 6	88 0	.. 75 0	46,158	22,168
1878.	7	37 0	4 6	7 8	89 0	.. 77 0	46,686	22,768
1879.	7	36 5	4 5	8 5	87 0	.. 86 0	45,068	20,375
1880.	7	35 5	4 5	7 6	84 0	.. 73 6	46,218	27,614
1881.	7	34 1	3 5	8 5	87 6	.. 68 0	45,155	21,280
1882.	7	34 6	3 6	3 6	84 0	.. 76 6	45,182	22,167
1883.	7	37 2	3 6	6 10	86 0	.. 77 6	46,255	22,721
1884.	8	37 6	3 6	8 6	82 0	.. 75 0	46,541	27,168
1st Quarter, 1884.	6	37 5	3 4	3 6	83 6	.. 75 6	45,158	22,256
2nd " " " " " " " "	6	37 5	3 5	6 4	84 6	.. 58 0	46,121	22,255
3rd " " " " " " " "	6	37 8	3 6	8 8	85 0	.. 73 6	45,011	22,642
4th " " " " " " " "	6	37 8	3 0	3 6	58 0	.. 68 0	47,656	24,618

* Compiled from Returns furnished by the Local Government Board.

THE WEATHER.

The following particulars have been extracted from Meteorological Observations taken during the twenty years 1865-84, in the city of Dublin, by J. W. MOORE, M.D., *Chir. Don., F.R.C.S.P., F.R.E.S.* Observer at Dublin for the Meteorological Office, London:—

The mean Atmospheric Pressure has been obtained from daily readings of the barometer at 9 A.M. and 9 P.M., corrected and reduced to 32° Fahrenheit at the mean sea level. The Mean Temperature values have been deduced from the maximal and minimal readings of the thermometer in the shade by Kaemtz's Formula, viz. $\text{max} + (\text{min} - \text{min} \times 41) = \text{Mean Temperature}$. The Rainfall is that measured daily at 9 A.M. A rainy day is one on which at least one-hundredth (.01) of an inch of rain falls within the twenty-four hours from 9 A.M. to 9 A.M.

The Mean Height of the Barometer during the year 1884 was 29.942 inches. The highest observed reading was 30.729 inches, at 9 A.M., on October 5th. The lowest observed reading was 28.150 inches, at 2.15 P.M., on January 20th. The extreme range of atmospheric pressure was 2.579 inches compared with 2.329 inches in 1883.

The Mean Temperature of the year, deduced from the maximal and minimal readings of the thermometer in the shade by Kaemtz's formula, was 49.6°. The highest reading was 75.4° on June 13th; the lowest reading was 27.3° on December 22nd. The average mean temperature for the years 1865-84 calculated in the same way, was 48.9°. The mean temperature, deduced from the daily readings of the dry bulb thermometer at 9 A.M. and 9 P.M., was 50.2°.

Rain fell on 187 days, including snow or sleet on 13 days, and hail on 20 days. The average number of rainy days in the years 1865-84 was 194.6. The total rainfall measured 30.467 inches, compared with an average of 30.015 inches in the twenty years 1865-84. During the first half of 1884 (January to June, inclusive) the rainfall was 11.872 inches on 93 days. In the same period in 1883 the rainfall was 13.640 inches on 90 days. During the second half of 1884 (July to December inclusive) only 8.595 inches fell on 95 days.

As regards the Direction of the Wind 732 observations were made during the year, with this result—N, 30; N.E., 27; E. 58; S.E., 79; S., 98; S.W., 128; W., 200; N.W., 74; Calms 38.

A general review of the year 1884 shows that the annual mean temperature was seven-tenths of a degree above the average, the rainfall was smaller than in any one of the preceding nineteen years, 1865-83 inclusive, and was much below the average of the same nineteen years, viz. 28.412 inches. In 1870 only 30.849 inches fell, and that was really a drier year than 1884, for in it there were but 145 rainy days, or days upon which not less than .01 inch of rain (one-hundredth of an inch) was measured. In 1884 there were as many as 187 rainy days compared with an average number of 195 in the nineteen years, 1865-83 inclusive. Contrary to what usually occurs, more than half the rainfall fell within the first six months—11.872 inches having been registered up to June 30 on 93 days. In fact, the most striking feature in the distribution of the rainfall was the scanty downpour observed in August (.777 inch) and October (.834 inch), usually two of the wettest months in the year, the averages being 2.987 inches and 3.140 inches respectively. On no one day did one inch of rain fall; the heaviest daily rainfalls were .303 inch on April 4, and .700 inch on February 20. It will be observed, on reference to the Abstract Table on page 22 that on April 4 more rain fell than during the whole month of October, and that on February 20 the downpour nearly equalled the rainfall of August.

The amount of cloud was as nearly as possible equal to the average, namely, 60.8 per cent.

Appended are some more detailed remarks upon the different months of the year 1884.

JANUARY.—A singularly open, frostless month, with scarcely any easterly wind, but a great excess of cloud. A protracted mild and quiet dull period was succeeded on the 22nd by a series of strong westerly gales and frequent heavy rainfalls, the atmospheric disturbances culminating on the 26th in a storm of exceptional violence, during which the barometer fell to 28.130 inches in Dublin, but to 27.400 inches at Aberdeen and to 27.332 inches at Ochertyre, near Crieff in Perthshire, readings believed to be lower than any recorded for at least 150 years.

The mean Dry-bulb temperature, from observations at 9 A.M. and 9 P.M., was 45.2°. The mean temperature, calculated by Kaemtz's formula, was 44.5°, or slightly less than 4° in excess of the average for January in the twenty years, 1865-84, inclusive (40.8°). The arithmetical mean of the maximal and minimal readings was 43.2°. The rainfall (2.338 inches) and rainy days (18) were both rather above the average for the same period, namely, 2.243 inches and 17.1 rainy days. Hail occurred on the 1st and 30th, snow or sleet on the 25th, 26th, and 27th. Lightning was seen on the nights of the 20th and 25th. A lunar halo appeared on the 10th, and "blurred" solar halos on the 29th and 30th. A dense vapour fog prevailed on the morning of the 3rd, but with this exception there was a complete absence of fogs. The bright sunsets so characteristic of the present season were again seen on several occasions. Pons' comet was well seen to S.W. after dark in the middle of the month.

It is noteworthy that the mean temperature of January, was about 2° in excess of that of the previous November, and nearly 3° in excess of that of the previous December.

FEBRUARY.—In Dublin the frostless character of the winter was maintained throughout this month, but there was a decrease in temperature, owing to the increasing prevalence of south-easterly winds. The amount of cloud was unusually large, namely 78 per cent, and the weather was often cheerless and wet. A very violent southerly gale occurred on the night of the 20th, when also the heaviest rainfall of the month took place.

The mean Dry-bulb temperature was 43° . That deduced from the maximal and minimal readings (43°) was half a degree above the average for February, in the twenty years, 1865-84, inclusive, but it was 1° below that of January, 1884. The arithmetical mean of the highest and lowest readings was 43° . The rainfall (3518 inches) was considerably above the average of the twenty years in question, viz., 2,244 inches, and the rainy days (20) were to a less extent in excess—the twenty years' average being 17.6 days. Snow or sleet fell on the 2nd, 10th, and 11th, hail on the 10th. Lightning was seen on the 21st. Solar halos appeared on the 20th and 23rd; lunar halos on the 2nd, 6th, and 11th. There were strong winds on several days. On the 30th only was the atmosphere foggy.

MARCH—The weather was generally favourable, and an exceptionally dry period lasted from the 18th to the 31st, the rainfall not amounting to one-tenth of an inch. Unusual warmth for the time of year prevailed between the 14th and the 19th—on the 16th the thermometer rose to 61° in Dublin and to 70° at Cambridge. The mean Dry-bulb temperature of the whole month was 44° . That deduced from the maximal and minimal readings by Kœrntz's formula was 44° , or 1° in excess of the average of March in the twenty years, 1865-84, inclusive. The arithmetical mean of these readings was 45° . The rainfall (1838 inches) fell short of the average of the same twenty years (2081 inches), but the rainy days (17) were almost exactly the average (16.5). Sleet or snow occurred on the 10th and 31st, hail on the 20th and 31st.

The atmosphere over Dublin was foggy on the 4th and 24th. Solar halos were seen on the 9th and 15th; lunar halos on the 5th and 12th. The wind blew freshly or strongly on 12 days.

APRIL—A cold, dry month—the wind, blowing almost constantly from easterly points of the compass, was of a particularly dry and searching character. In Western Europe this is peculiar to the polar or "Continental" winds of late winter and spring, which have traversed a vast land surface, covered with large quantities of melting snow and ice, and which have an exceptional capacity for absorbing aqueous vapour, owing to a quickly increasing temperature. Although cold, this month was warmer than April, 1879 (M. T. = 43°), and 1881 (M. T. = 44°). The mean temperature deduced from the readings of the maximal and minimal thermometers was 45° , or 1° below that of the twenty years 1865-84, inclusive, and 1° below the mean value of the readings of the Dry-bulb thermometer recorded daily at 9 A.M. and 9 P.M. The arithmetical mean of the highest and lowest temperatures was 46° , while the mean Dry-bulb temperature was 46° . The rainfall (1,532 inches) and rainy days (11) were decidedly below the average of the twenty years in question—viz., 2,029 inches, and 15.0 days respectively. It is to be noted in this connexion that a heavy fall of .863 inch of rain on the 4th yielded more than half the measurement of the month, and also that on 5 out of the 11 "rainy days" the quantity of rain measured was a minimum—namely, .010 inch. Sleet and snow fell on the morning of the 1st; hail in the afternoon of that day, and also on the 18th. Lightning was seen on the night of the 4th. Early on the 9th there was a thick vapour fog, and on the 8th, 11th, and 24th likewise the atmosphere was at times foggy. "East wind haze" was observed in a marked degree on many days, and about the middle of the month the coloration round the sun so often present during the past winter was distinctly seen.

MAY—In most respects this may be considered to have been a favourable month. The mean temperature deduced from the readings of the Dry-bulb thermometer taken at 9 A.M. and 9 P.M. was 52° , while that deduced, by Kœrntz's formula, from the maximal and minimal readings was 51° —a value which is slightly more than half a degree (0.4°) above the average mean temperature calculated in the same way for the twenty years 1865-84, inclusive. The excess of the mean of the Dry-bulb readings was partly caused by the prevalence of very low temperatures at night. The arithmetical mean of the maxima and minima was 51° . The rainfall (1,338 inches) fell short of the average of twenty years (1,938 inches) by nearly six-tenths of an inch. The rainy days (16 in number) were nearly one more than the average—namely, 15.1. There was no snow or sleet, but hail fell on the 3rd and three following days, as well as on the 18th and 19th. Distant thunder was heard on the 4th and 19th, and lightning was seen on the night of the 24th. Solar halos appeared on the 12th, 21st, and 23rd. There was a beautiful rainbow after 5 P.M. on the 19th. The sky was much freer from cloud at 9 P.M. (per-centage of sky obscured = 43.2) than at 9 A.M. (per-centage = 67.3).

JUNE—At first cold and showery, with prevalent N.W. winds, this month ultimately proved to be very fine, dry, and warm. The mean temperature deduced from the readings of the Dry-bulb thermometer taken at 9 A.M. and 9 P.M. was 57° , while that calculated by Kœrntz's formula from the daily readings of the maximal and minimal thermometers was 56° —that is, exactly the average mean temperature, calculated in the same way, of the twenty years 1865-84, inclusive. The arithmetical mean of the highest and lowest readings was 56° . The rainfall (1,248 inches) fell short of the average for twenty years (1,938 inches) by .714 inch. There has not been so small a rainfall in June since 1877, when only .921 inch fell. On the other hand, 5.058 inches were registered in June, 1878. The rainy days were 10, compared with a twenty years' average of 14.7. In 1874 there were only 9 rainy days, in 1867 and 1868 only 0, and in 1865—the driest month of all—only 3. There was a heavy downpour on the evening of the 3rd (.551 inch) when some lightning occurred, as also on the 29th. Distant thunder was heard on the 30th. Hail fell on the 6th. No halos were observed—an evidence of the comparative infrequency of cirro-stratus cloud.

JULY—True to its traditional character, July was a very showery month, rain falling on as many as 25 days, compared with a twenty-years' average of 17.6 rainy days. Nevertheless the rainfall was only 2,350 inches, or .140 inch below the average (2,490 inches) of the twenty years, 1865-84, inclusive. The explanation is that the rain fell chiefly in the form of showers—in fact the 28th was

the only thoroughly wet day, and on but five days did the rainfall exceed two-tenths of an inch. The mean temperature deduced from the Dry-bulb readings taken twice daily (at 9 A.M. and 9 P.M.) was 60.1°, or as nearly as possible the average; the mean temperature, calculated by Kaemtz's formula from the mean maximal and minimal readings, was 59.7°, compared with an average of 59.6° extending over the same twenty years mentioned above. The arithmetical mean of the highest and lowest readings was 60.8°. Owing to the prevalence of clouds and the frequency of showers by day, the extremes were not great—the highest reading of the screened thermometer being 70.7° (recorded on the 5th and 30th), and the lowest being 47.1° (recorded on the 19th). Distant thunder was heard in Dublin on the 6th and 24th, but this city enjoyed a complete immunity from thunderstorms, and there was no hail. The 31st was a close, damp day, and in the evening it became foggy.

AUGUST.—A very fine and summerlike month, with high temperature and scanty rainfall. The prevalent winds were southerly (S.E. to S.W.) and moderate in force. There was an absence of any deep or serious atmospheric depressions; but about the 12th heavy thunderstorms raged over a great part of the United Kingdom. The mean temperature deduced from daily readings of the Dry-bulb thermometer at 9 A.M. and 9 P.M. was 60.7°; that calculated by Kaemtz's formula from the means of the daily maxima and minima was 60.3°—a value which is 1.4° above the average mean temperature, calculated in the same way, for the twenty years, 1865–84, inclusive. The arithmetical mean of the maximal and minimal readings was 61.3°. On two days—the 12th and 17th—the thermometer rose to 74.9° in the screen; on the night of the 30th–29th it fell to 44.0°. The rainfall was only .777 inch (scarcely more than three-quarters of an inch), compared with a twenty-years' average fall of 2.877 inches in August. In no other of the twenty years was there so small a rainfall in this month. The rainy days were but 8 in number, against a twenty-years' average of 15.5. In August, 1879, rain fell on only 7 days, but the amount was 1.514 inches, or nearly double the fall in the present year. In Dublin thunder and lightning occurred on the 11th; lightning was also seen on the 13th, 14th, and 25th. The atmosphere was foggy on the 9th, 11th, 12th, and 18th.

SEPTEMBER.—In keeping with the summer months of 1884, September was in all respects favourable. On the 6th, indeed, a deep depression passed over the country, and towards the end a series of low-pressure areas travelling north-eastwards outside the western shores of Ireland and Scotland, kept the weather in a changeable, showery condition; but in the middle of the month conditions were chiefly anticyclonic, and beautiful autumnal or even summerlike weather prevailed. The mean temperature deduced from the observations taken daily at 9 A.M. and 9 P.M. was 57.2°; that calculated by Kaemtz's formula from the means of the daily maxima and minima was 56.9°, or nearly two degrees (18°) above the average mean temperature, estimated in the same way, for the twenty years, 1865–84, inclusive. The arithmetical mean of the maximal and minima was 58.0°. On the 9th the thermometer in the screen rose to 73.7°, on the 5th it fell to 45.1°. The rainfall was 1.214 inches, or but little more than one-half the average of twenty years, 2.289 inches. The rainy days (14), however, were nearly up to the average of 14.5. There were two occasions within the past twenty years on which September was drier than in the present year—namely, in 1865 and 1867 (rainfall—0.66 inch and 1.176 inches respectively). In 1865 there were only 3 'rainy days.' In Dublin lightning was seen on the evening of the 1st; solar halos appeared on the 25th and 29th, and a lunar halo on the 7th. There was a bright aurora borealis on the 17th. There was more or less fog on the 8th, 10th, 11th, 12th, 17th, and 19th. Very heavy dews were observed in the anticyclonic period about the middle of the month.

OCTOBER.—"The time of the year between the extremes of hot and cold"—this month was true to the description of October thus given by Shakespeare. Although a fine and dry month on the whole, a spell of bitterly cold and wintry weather occurred in the second week, and this was in turn followed by a stormy period towards the close, with sudden and extreme variations of temperature. The barometer stood remarkably high in the anticyclone of the first few days—the exceptional reading of 30.729 inches being recorded in Dublin on the 5th, and on the other hand, the very low reading of 28.14 inches was observed on the W. coast of Norway on the 27th. The mean temperature deduced from observations taken daily at 9 A.M. and 9 P.M. was 49.5°; that calculated by Kaemtz's formula from the means of the daily maxima and minima was 49.2°—a value which is identical with the average mean temperature of the twenty years, 1865–84, inclusive. The arithmetical mean of the maximal and minimal readings was 50.3°. On the 2nd the screened thermometer rose to 64.3°, and on the 11th it fell to 33.8°—the gross minimum on this occasion being 39.2°. The rainfall was only .834 of an inch, but was distributed over as many as fourteen days. It was only a little more than one-fourth of the average rainfall for October, which is usually one of the rainiest months of the year, (average of the twenty years=3.025 inches on 17.2 days). The rainfall was smaller than that of any October in the twenty years, 1865–84, the nearest approach to it being .646 of an inch in 1868. The rainy days, however, were 14—a number exceeding those in 1866 and 1869 (13 and 11 respectively). In Dublin no electrical disturbances were observed. Hail fell on the 10th and 29th. The atmosphere was foggy on the 2nd, 4th, 5th, 20th, and 21st. There was a hard frost on the morning of the 11th.

NOVEMBER.—At first unsettled and rainy, this month ultimately proved fine and quiet, and at the close cold and wintry. The mean temperature calculated from observations taken twice a day—at 9 A.M. and 9 P.M.—was 48.7°; that calculated by Kaemtz's formula from the means of the daily maxima and minima was 48.0°, or 0.7° below the average of the twenty years, 1865–84, inclusive. The arithmetical mean of the maximal and minimal readings was 48.9°. On the 1st the thermometers in the screen rose to 58.6°; on the 16th they fell to 31.1°; on the 22nd the minimum on the grass fell to 27.0°. The mean height of the barometer was considerably over the average—30.153

inches, compared with 29·850 inches. At 9 A.M. of the 19th the very high reading of 30·711 inches was recorded, while the lowest observed reading was 29·340 inches at 7 P.M. of the 4th. The rainfall amounted to 1·412 inches on 14 days, against a twenty years' average of 2·312 inches on 16·6 days. Included in the twenty years are five Novembers with a smaller rainfall than that of the present month—namely, 1867 (1·258 inches), 1870 (1·218 inches), 1871 (1·238 inches), 1878 (1·338 inches), and 1879 (1·261 inches). In 1867 there were only 8 rainy days in November. In the present month more than one-third of the entire rainfall (553 inch) fell on the 1st. In Dublin a solar halo was seen on the 2nd, a lunar halo on the 29th. More or less fog was noted on the 6th, 16th, 17th, 18th, and 29th. Hail fell on the 5th and 21st, and a fall of snow occurred in the early morning of the 30th.

DECEMBER.—Wet, stormy, and open during the first three weeks, the weather changed about the 20th, from which day to the close it was quiet, cold, and often foggy. The mean temperature deduced from daily observations at 9 A.M. and 9 P.M. was 41°; that calculated by Kæmpe's formula from the means of the daily maxima and minima was 40·3°, or 0·3° above the average of the twenty years, 1865-84, inclusive. The arithmetical mean of the maximal and minimal readings was 41·6°. On the 13th the maximum was 56·4°; on the 22nd the minimum was 27·3° in the shade, and 23·4° on the grass. The mean height of the barometer was 29·815 inches, or ·067 inch below the average. Pressure was seen to range from 29·900 inches at midnight of the 19th to 30·400 inches at 9 P.M. of the 21st—a difference of nearly one and a half inches (1·491) being thus recorded within 45 hours. The rainfall was 2·008 inches on 20 days, compared with a twenty-years' average of 2·316 inches on 17·0 days. In the 20 years, however, there were nine Decembers with a smaller rainfall, and 1½ with a less number of rainy days. The bulk of the rainfall fell in the unsettled weather of the first three weeks—after the 20th only ·126 inch was measured on three days.

MARRIAGES, BIRTHS, and DEATHS, with the number of DEATHS from and COUNTY; together

Registration Provinces and Counties.*	Area, in Statute Acres.	Popula- tion in 1901.	Marriages.	Births.	Deaths.	The Deaths registered during the year					
						Deaths of		Deaths from			
						Children under five years of age.	Persons aged 15 years and upwards.	Small-pox.	Malaria.	Scarlet fever.	Typhus.
IRELAND, . . .	20,206,218	3,174,656	25,000	126,183	27,094	27,094	25,000	1	485	1,612	706
PROVINCES.											
I. LEINSTER, . . .	6,266,025	1,261,071	8,808	29,816	5,281	5,281	9,381	-	25	497	156
II. MUNSTER, . . .	6,002,023	1,245,309	8,821	29,420	5,283	5,283	6,784	-	126	291	248
III. ULSTER, . . .	6,044,030	1,267,127	8,858	40,807	26,780	6,784	31,172	-	68	481	280
IV. CONNADGHE, . . .	6,896,140	216,249	2,516	18,068	16,087	1,296	4,860	1	248	67	208
I. Leinster.											
CARLOW,	189,217	45,100	568	867	740	87	630	-	-	-	6
DUBLIN,	224,818	421,215	2,862	12,183	12,212	8,603	5,743	-	24	295	84
KILDARE,	461,044	87,274	228	1,678	1,263	168	648	-	1	56	12
KILKENNY,	407,805	88,220	242	1,666	1,887	100	716	-	-	1	11
KIRK,	880,217	16,248	183	1,356	1,707	120	881	-	1	31	6
LONDONDERRY,	861,240	71,215	881	1,677	1,690	22	668	-	1	6	7
LOUTH,	295,861	81,666	440	2,066	1,764	230	767	-	-	7	6
MEATH,	481,785	85,248	278	1,666	1,660	71	600	-	-	2	2
QUINN,	888,880	66,225	225	1,612	1,691	61	661	-	-	1	11
WESTMIDLAND,	288,220	61,245	184	816	800	78	276	-	-	1	6
WEXFORD,	626,211	125,275	260	2,617	2,266	260	1,212	-	-	16	13
WICKLOW,	478,218	86,217	223	1,726	1,761	163	612	-	1	6	6
II. Munster.											
CLARE,	718,218	218,214	403	2,803	2,880	886	684	-	12	36	23
CORK,	1,091,274	201,221	2,204	12,622	8,660	958	6,498	-	71	123	86
KERRY,	1,186,218	122,221	244	4,712	3,273	266	1,206	-	11	75	64
LIMERICK,	686,218	126,248	223	4,247	3,626	440	1,616	-	11	160	24
TIPPERARY,	1,067,222	208,227	218	4,267	3,187	662	2,242	-	7	16	23
WATERFORD,	418,218	127,248	405	3,000	2,120	406	1,216	-	8	27	12
III. Ulster.											
ANTRIM,	672,274	428,247	2,681	12,617	8,281	1,218	8,163	-	12	185	28
ARMAGH,	321,284	184,218	606	4,266	2,268	426	1,266	-	8	37	64
CATY,	621,281	112,282	480	2,867	1,660	180	618	-	8	8	2
DOWN,	1,262,211	210,248	674	4,267	2,603	278	1,703	-	27	81	27
FERRY,	266,218	221,217	1,666	4,166	2,666	427	1,066	-	1	66	11
FERMANAGH,	276,212	70,266	207	1,266	1,166	126	666	-	3	2	9
LEITCH,	266,266	274,211	606	4,261	2,261	276	1,216	-	12	71	16
MONAGHAN,	241,266	212,274	212	2,122	1,212	122	712	-	-	2	27
TYNNE,	212,212	266,222	222	4,262	2,262	222	1,212	-	8	26	20
IV. Connadghe.											
CASWAT,	1,666,218	206,266	771	4,248	2,728	266	1,666	-	26	8	12
LEITH,	886,218	81,218	648	1,728	1,680	88	426	-	8	6	17
MAYO,	1,267,216	266,248	767	4,267	2,266	667	1,661	-	166	12	22
ROCKFORD,	676,216	246,220	661	4,166	1,266	266	616	-	27	8	24
SLEIGH,	266,212	21,212	266	1,212	1,212	120	426	1	11	2	26

* The Registration Office sends a copy of the Registrar's District or Poor Law Union. Whenever a District is licensed to have all the Registration Offices being a Summary of the Returns made

the principal ZYMOTIC DISEASES, registered in each REGISTRATION PROVINCE with VACCINATION STATISTICS.

as stated by the Registrars to include							Vaccination Return for the Year.						Registration Provinces and Counties.
Deaths from						Deaths in Public Institutions.	Number of recorded primary Vaccinations.	Number of Cases in which Vaccination was postponed during the first quarter of the year.	Number of Persons Immune at Vaccination.	No. of Circumstances in which children under 15 months old were double vaccinated during the year.	Total of the foregoing.		
Whooping-cough.	Diphtheria.	Scarlet Febrile and Erysipelas.	Epidemic Typhus.	Measles.	Cholera.								
1,000	640	601	640	1,200	24	2,240	14,105	100,000	2,000	100	1,200	71,400	IRELAND.
PROVINCES.													
602	110	137	631	400	23	710	8,181	21,804	400	104	2,020	10,703	LEINSTER.
803	77	113	127	303	8	634	4,081	27,370	647	88	1,876	10,104	MUNSTER.
604	124	87	200	802	0	817	8,070	28,203	621	148	9,318	10,000	ULSTER.
205	81	80	86	210	-	200	1,210	17,740	877	58	740	10,300	CONNAUGHT.
I. Leinster.													
12	4	1	8	8	-	30	137	372	14	-	87	840	DUBLIN.
100	60	64	201	203	13	530	2,100	8,801	140	7	1,004	4,320	DUBLIN.
84	6	8	8	30	-	62	300	1,204	10	8	85	1,400	KILDARE.
30	8	8	10	34	-	40	304	1,200	30	07	100	1,000	KILKENNY.
40	13	8	7	10	-	40	100	1,400	30	-	83	1,004	KING'S.
37	3	14	8	8	-	30	100	1,400	16	14	87	1,000	LONDONDERRY.
47	1	10	17	15	-	40	220	1,000	60	8	120	1,000	LONDONDERRY.
8	8	8	8	8	-	30	100	1,200	30	30	83	1,000	MEATH.
20	20	20	8	8	-	40	100	1,200	56	10	61	1,000	QUEEN'S.
12	-	1	8	4	-	81	100	800	76	10	86	800	WICKLOW.
10	8	8	8	80	1	80	870	9,070	46	4	101	9,070	WICKLOW.
10	20	3	7	10	-	30	100	1,000	47	7	77	1,000	WICKLOW.
II. Munster.													
81	6	8	10	30	1	30	800	2,004	10	8	100	2,000	CORK.
100	10	64	67	100	0	200	1,010	8,000	540	60	601	10,010	CORK.
10	10	10	10	40	1	40	470	8,000	517	4	521	8,000	CORK.
20	11	16	20	12	1	50	600	8,000	48	0	200	4,000	LIMERICK.
47	30	10	30	40	-	70	800	2,000	110	10	210	2,000	TIPPERARY.
100	4	8	8	70	-	70	800	2,000	88	7	200	2,000	WATERFORD.
III. Ulster.													
100	40	20	30	800	0	100	1,000	10,000	100	10	470	12,000	ARMAGH.
27	10	8	10	60	1	80	304	8,000	127	8	200	4,000	ARMAGH.
10	7	1	10	10	-	40	104	2,000	111	40	100	2,000	CATLACH.
20	0	10	24	10	1	81	100	9,000	120	0	100	4,000	DOWN.
61	10	8	20	80	-	70	300	4,000	40	30	240	2,000	DOWN.
7	1	8	10	7	-	30	100	1,000	10	8	51	1,000	FERRISBURGH.
91	10	8	10	64	1	70	800	2,000	61	8	211	2,000	LONDONDERRY.
8	8	8	-	30	1	81	100	1,000	61	10	100	2,000	MEATH.
30	10	8	10	80	-	80	804	9,000	100	27	100	4,000	TIPPERARY.
IV. Connaught.													
111	20	10	30	20	-	70	800	9,000	100	30	210	2,000	GALWAY.
87	8	3	7	10	-	30	110	1,000	87	4	84	1,000	LEITRIM.
30	9	10	40	80	-	40	300	2,000	201	8	100	4,000	MEATH.
46	1	2	8	10	-	40	100	2,000	101	-	200	2,000	ROSSNARE.
7	-	8	8	7	-	30	100	1,000	40	-	80	1,000	SLIGO.

or Ulster extends into more than one County, it is assigned wholly to that County in which the greater portion of the population is 4 persons or less from the Census Proper, by the Registrars at the close of each quarter.

MARRIAGES, BIRTHS, and DEATHS, with the number of
SUPERINTENDENT REGISTRAR'S DISTRICT.

County and Superintendent Registrar's District.	Area, in Statute Acres.	Popula- tion in 1851.	Marriages.	Births.	Deaths.	The Deaths registered during the year					
						Deaths of		Deaths from.			
						Children under One year of age.	Persons aged 15 years and upwards.	Small-pox.	Malaria.	Scarletina.	Zyphus.
I. PROVINCE OF LEINSTER.											
1. Carlow Co.											
1 Carlow,	185,157	45,130	503	517	743	37	525	.	.	.	4
2. Dublin Co.											
2 Baldoyle,	23,295	16,067	55	553	594	36	131	.	1	.	3
3 Dublin, North,	45,556	143,561	655	8,555	3,548	736	855	.	16	154	10
4 Dublin, South,	41,596	293,556	1,643	5,655	5,773	1,514	1,540	.	7	203	15
5 Rathdown,	21,513	40,553	233	1,555	1,577	171	405	.	1	55	3
3. Kildare Co.											
6 Killybeg,	161,155	37,461	95	557	648	56	265	.	1	5	4
7 Colbride,	21,545	16,165	84	555	585	55	115	.	.	15	3
8 Naas,	315,255	55,656	165	555	666	69	355	.	.	4	4
4. Kilkenny Co.											
9 Callan,	25,455	15,455	45	555	555	55	155	.	.	.	5
10 Carlowman,	37,555	25,515	65	555	555	55	57	.	.	1	1
11 Kilkenny,	215,645	85,555	156	661	555	85	655	.	.	.	5
12 Thomastown,	155,577	15,815	55	555	571	56	165	.	.	.	5
13 Waterford,	77,665	21,555	45	555	574	55	65	.	.	.	5
5. King's Co.											
14 Edinbeg,	175,564	16,574	57	615	515	56	155	.	.	6	1
15 Farnham,	255,457	35,555	155	655	665	51	254	.	1	5	5
16 Tullamore,	155,594	25,665	55	655	667	55	255	.	.	25	5
6. Longford Co.											
17 Bellinabregh,	165,575	15,555	45	555	565	55	165	.	.	.	.
18 Carrick,	155,555	25,555	65	655	655	65	555	.	1	4	6
19 Longford,	165,555	25,614	155	555	651	55	575	.	.	.	1
7. Louth Co.											
20 Ardee,	55,511	16,555	55	455	555	47	155	.	.	1	5
21 Drogheda,	66,555	25,655	155	555	561	71	555	.	.	1	5
22 Dundalk,	25,655	45,555	155	1,655	745	85	555	.	.	2	1
8. Meath Co.											
23 Donaghadee,	155,555	25,555	45	565	155	35	155	.	.	6	.
24 Kells,	165,461	25,555	47	555	557	56	125	.	.	4	5
25 Navan,	54,665	25,665	57	665	565	18	165	.	.	.	5
26 Tully,	155,555	16,555	55	567	555	66	125	.	.	1	.
9. Queen's Co.											
27 Abbeystead,	155,167	25,555	55	555	565	56	145	.	.	1	7
28 Donaghmore,	45,665	5,746	55	555	155	16	55	.	.	.	.
29 Mountmellick,	55,555	25,665	154	555	555	55	255	.	.	.	4
10. Westmeath Co.											
30 Drogheda,	75,555	15,545	55	515	555	14	65	.	.	.	1
31 Mullingar,	25,665	45,455	165	555	655	65	555	.	.	1	5
11. Wexford Co.											
32 Enniscorthy,	155,665	25,555	171	575	664	75	555	.	.	4	15
33 Garry,	165,665	25,665	66	446	675	65	165	.	.	1	5
34 New Ross,	175,665	25,555	125	555	555	65	555	.	.	5	15
35 Wexford,	155,665	25,555	165	665	665	75	275	.	.	.	5
12. Wicklow Co.											
36 Ballingarry,	155,565	25,465	55	555	555	55	155	.	.	.	5
37 Rathfriland,	257,445	25,455	175	664	517	67	515	.	1	4	5
38 Stillings,	155,665	25,665	74	515	555	65	145	.	.	.	5

DEATHS from the principal ZYMOTIC DISEASES, registered in each
together with VACCINATION STATISTICS.

as stated by the Registrars to include							Vaccination Returns for the Year.					Gonies and Superintendent Registrar/ District.
Deaths from.							Number of successful per- sonal vaccination	Number of Cases in which vaccination was not performed during the year, specify the year.	Number of Persons homo- cypoid of Vaccination.	No. of Persons of 14 years and upwards who had not undergone vaccination dur- ing the year.	Total of the foregoing.	
Whooping-cough.	Diphtheria.	Simple and compound and ill-defined Form.	Scarlet Fever.	Measles.	Cholera.	Legion Cases.	Deaths in Public Institu- tions.					
I. PROVINCE OF LEINSTER.												
1. Carlow Co.												
12	4		9	0		15	113	773	14	0	542	Carlow.
2. Dublin Co.												
8	2	1	4	0		15	83	448	4	0	473	Edinburgh.
26	17	27	28	131	4	132	1,290	3,802	77	1	514	Dublin, North.
20	10	20	81	182	5	134	1,012	4,547	80	2	478	Dublin, South.
11	0	0	7	84	0	90	249	1,091	70	0	64	Enthoven.
3. Kildare Co.												
12	4	0	2	0		17	24	482	7	1	88	Ady.
4				1		14	20	120	0	0	7	Colledge.
17	0	0		14		84	85	688	10	1	47	Yon.
4. Kilkenny Co.												
18				0		2	46	248	0	0	82	Callan.
	2		8	0		4	35	312	7		18	Carlowmac.
		0	0	0	1	11	160	244	21	20	30	Kilkenny.
4		1		10		0	10	202	7		54	Thomastown.
			0	0		4	20	100	2	0	12	Trillick.
5. King's Co.												
2	2	2	2	0		10	42	206			27	Edinboro.
10	4	2	1	0		10	00	627	0		24	Thomastown.
12	5	4	5	5		15	00	690	0		22	Thomastown.
6. Longford Co.												
1	2	1	0	0		11	30	214	0	1	13	Ballinacree.
		0		0		10	82	436	10	10	23	Ormeau.
10		15		2		17	29	210	83	4	12	Longford.
7. Louth Co.												
1		1				8	70	329	3		20	Ardee.
10	1	1	0	0		11	124	878	21	1	11	Drogheda.
12		13	12	0		28	64	825	14	1	47	Dundalk.
8. Meath Co.												
			1	0		2	14	138	0	14	2	Dunshaughlin.
4		0	1	0		7	45	342	10	0	37	Kells.
1	0		1	0		10	67	244			14	Nes.
	1					7	82	347	1		83	Trim.
9. Queen's Co.												
8	2	1		0		6	51	321	0	11	14	Abbeystown.
5							21	121		4	0	Drogheda.
10	11	12	0	0		10	100	671	14	0	28	Mountmellick.
10. Westmeath Co.												
3		1	1			4	30	114	0		12	Delin.
11			4	0		7	134	706	11	10	32	Kells.
11. Wexford Co.												
40		0	4	0		10	0	448	29	2	12	Enniscorthy.
14	1		0	4	1	14	50	347	0		57	Geog.
20				4		10	82	380	9	1	44	New Ross.
9	7	8	8	10		41	11	805	10	1	47	Wexford.
12. Wicklow Co.												
	0		4	0		10	20	405	10		21	Bellingham.
3	1	1	0	1		10	19	484	20	0	20	Rathfriland.
18	0		0	0		0	0	107	14		28	Shillelogh.

MARRIAGES, BIRTHS, and DEATHS, with the number of
SUPERINTENDENT REGISTRAR'S DISTRICT;

Counties and Superintendent Registrar's Districts.	Area, in Statute Acres.	Popu- lation in 1861.	Marriages.	Births.	Deaths.	The Deaths registered during the year					
						Deaths of		Deaths from			
						Children under five years of age.	Persons aged 15 years and upwards.	Small-pox.	Malaria.	Scarlet fever.	Typhus.
II. PROVINCE OF MUNSTER.											
13. Clare Co.											
20 Ballyvaughan	51,495	8,554	8	85	37	4	32	.	.	.	1
40 Carra	81,334	6,535	40	381	254	11	55	.	1	.	.
41 Ennis	125,508	51,323	155	624	414	28	187	.	3	.	.
42 Ennistimon	80,561	41,724	47	445	246	48	157	.	8	8	1
43 Ballyvaughan	80,518	51,345	43	380	237	10	87	.	.	8	8
44 Kilmalee	120,737	51,333	146	832	461	75	408	.	8	1	28
45 Scarriff	86,270	31,794	40	213	189	24	64	.	1	.	1
46 Tulla	86,228	31,581	21	838	372	10	80	.	.	8	8
14. Cork Co.											
47 Bandon	101,345	55,202	57	218	371	35	173	.	1	8	5
48 Barry	101,338	56,779	66	428	304	37	63	.	.	.	4
49 Castletown	52,448	51,484	45	237	188	15	23	.	.	84	.
50 Clonakilty	45,445	55,440	77	448	308	25	208	.	7	1	4
51 Cork	101,230	145,515	481	2,238	1,418	437	761	.	85	66	42
52 Donnybrook	101,317	51,439	66	424	212	22	135	.	.	.	31
53 Fermoy	101,504	56,864	120	644	478	68	218	.	3	18	5
54 Kinsale	101,555	57,425	180	416	404	82	467	.	1	8	1
55 Kinsale	79,561	32,565	73	684	302	48	182	.	1	8	.
56 Newcom	179,180	56,528	120	670	304	47	182	.	.	15	5
57 Midleton	101,565	57,717	133	682	458	42	416	.	1	.	2
58 Midleton	101,565	57,717	44	382	482	54	105	.	.	4	3
59 Midleton	74,445	32,511	83	212	173	18	88	.	.	.	.
60 Midleton	84,527	32,764	88	374	364	46	127	.	.	.	.
61 Midleton	115,024	55,380	156	674	478	60	187	.	.	.	1
62 Midleton	87,180	32,860	35	278	218	12	88	.	.	1	1
63 Midleton	59,024	85,021	87	440	328	64	158	.	8	.	8
15. Kerry Co.											
64 Glenties	101,235	56,120	90	838	388	40	184	.	.	3	3
65 Dingle	115,279	55,142	56	472	246	46	107	.	.	1	8
66 Kilmalee	115,272	56,220	87	448	308	20	114	.	8	8	7
67 Kilmalee	101,240	44,500	181	1,187	772	81	509	.	4	40	40
68 Liscannell	121,558	55,465	100	838	340	54	246	.	.	6	7
69 Tulla	121,517	55,528	120	1,178	680	80	311	.	1	8	8
16. Limerick Co.											
70 Cronin	85,374	35,565	45	440	441	75	188	.	.	8	1
71 Glin	85,468	35,162	40	321	348	22	88	.	.	8	.
72 Kilmalee	145,148	55,025	126	668	711	183	407	.	8	47	5
73 Limerick	171,615	75,651	438	1,681	1,481	281	612	.	8	18	28
74 Nenagh	145,580	55,025	121	668	402	87	358	.	.	80	8
75 Kilmalee	75,955	16,154	47	358	348	24	147	.	.	.	8
17. Wexham Co.											
76 Berrigane	45,360	16,568	87	187	120	18	78	.	.	.	.
77 Cashel	145,137	55,028	80	608	480	80	348	.	3	8	2
78 Clonmel	117,422	55,142	68	428	308	87	148	.	8	.	2
79 Clonmel	87,292	55,028	124	682	464	80	188	.	1	8	8
80 Nenagh	161,138	55,028	125	688	468	82	318	.	.	4	8
81 Nenagh	136,443	55,028	88	321	271	21	187	.	.	.	.
82 Thurles	147,142	55,027	125	690	478	82	321	.	.	8	8
83 Tipperary	125,582	61,228	186	832	618	79	278	.	.	8	8
18. Waterford Co.											
84 Cuthbertstown	125,468	55,612	185	688	488	88	220	.	1	1	8
85 Dungarvan	85,464	35,028	78	408	348	87	187	.	8	.	7
86 Kilmalee	85,468	35,028	80	413	188	26	84	.	.	1	8
87 Lismore	87,468	47,346	61	475	267	52	180	.	3	.	1
88 Waterford	125,720	61,228	186	1,288	1,288	187	488	.	2	28	88

DEATHS from the principal ZYMOTIC DISEASES registered in each
together with VACCINATION STATISTICS—continued.

as stated by the Registrars to include							Vaccination Returns for the Year.					Registrar and Superintendent Registrar's Districts.
Deaths from							Number of successful pri- mary Vaccinations.	Number of Cases in which Vaccination was post- poned during the last quarter of the year.	Number of Persons Immu- nized by Vaccination.	No. of Deceased Child- ren under 5 months old, who have not been im- munized during the year.	Total of the foregoing.	
Whooping-cough.	Dysentery.	Scarlet fever and other febrile diseases.	Infantile Fever.	Diphtheria.	Cholera.	Typhoid Fever.	Deaths in Public Institu- tions.					
II. PROVINCE OF MUNDRA.												
13. Clare Co.												
3	-	-	-	-	-	1	10	37	18	5	80	Ballyvaughan.
3	-	-	-	-	-	3	18	18	8	6	20	Corrigin.
10	1	1	6	8	-	7	224	610	38	1	89	Doon.
10	8	8	-	12	-	8	57	485	2	27	606	Ennistymon.
4	-	-	-	7	-	1	18	304	14	13	345	Kilballybeg.
27	3	5	6	5	-	7	87	105	50	8	40	Kilrush.
20	-	2	1	5	1	1	42	340	3	24	396	Scarriff.
9	-	-	2	5	-	2	63	156	4	5	210	Tulla.
14. Cork Co.												
-	1	4	4	-	1	18	46	402	24	4	35	Blanchardstown.
-	-	8	3	5	-	11	13	338	26	-	38	Bantry.
-	-	1	-	-	-	-	19	369	7	-	26	Castletown.
-	-	7	-	8	-	18	33	345	16	-	59	Crookstown.
25	8	6	21	12	-	78	1,065	2,578	104	18	217	Cork.
1	-	5	-	8	-	8	35	618	17	1	14	Dunestown.
5	1	1	4	7	-	16	81	559	8	-	10	Ferry.
5	-	1	-	8	-	18	74	516	23	-	27	Kilcubbin.
13	-	5	-	8	1	14	23	676	46	8	36	Kilcubbin.
1	8	1	5	8	-	3	47	611	-	-	25	Macroom.
-	-	4	1	10	-	17	43	547	23	-	31	Midleton.
18	-	8	8	8	-	11	55	645	49	1	54	Midleton.
-	-	-	-	5	-	4	31	464	4	3	12	Midleton.
9	3	5	1	8	-	6	63	555	26	6	26	Mitchellstown.
1	8	5	-	-	-	6	57	606	35	-	25	Ordnance.
-	-	3	-	5	-	5	15	306	5	-	2	Shillington.
-	7	1	7	5	-	8	50	581	0	-	38	Tulla.
15. Kerry Co.												
9	-	11	8	-	-	3	55	550	8	-	28	Cahersiveen.
2	2	7	5	6	-	4	53	551	21	1	84	Glenties.
-	-	-	-	5	-	7	59	475	16	-	21	Kesh.
4	-	4	2	15	-	14	150	1,384	28	8	41	Kilgarney.
1	10	3	-	7	-	8	87	1,543	13	-	80	Lisnakeilly.
10	4	1	8	5	1	14	167	381	77	-	41	Trillick.
16. Limerick Co.												
9	2	-	3	2	-	8	33	387	34	-	17	Croom.
-	-	-	2	8	-	1	26	319	7	1	18	Glina.
65	8	8	-	36	1	14	121	827	31	9	40	Kilmeadow.
40	8	5	7	39	-	44	413	1,647	25	-	110	Limerick.
8	-	8	8	16	-	5	56	736	8	-	24	Monksboro.
8	2	-	5	6	-	7	48	756	25	2	33	Roche.
17. Tipperary Co.												
-	1	1	1	-	-	8	81	206	5	4	5	Borrisokane.
9	10	-	7	8	-	11	31	463	17	-	54	Cashel.
4	1	1	5	3	-	6	40	434	-	-	21	Clonmel.
25	-	2	9	16	-	14	165	265	8	1	43	Cross.
18	1	6	5	8	-	13	70	461	46	8	78	Donnybrook.
5	-	1	1	7	-	7	34	545	20	-	24	Ennis.
5	-	4	-	8	-	13	86	680	20	-	18	Thurles.
28	8	3	3	8	-	8	23	786	59	9	34	Tipperary.
18. Waterford Co.												
28	8	1	-	18	-	13	78	497	7	-	13	Castletown.
1	1	-	-	17	-	8	61	618	53	-	10	Dungannon.
8	-	-	-	5	-	5	49	388	5	2	10	Kilnabeg.
8	-	2	2	8	-	10	84	365	4	-	21	Lisnakeilly.
61	1	3	7	26	-	42	218	1,018	30	5	230	Waterford.

MARRIAGES, BIRTHS, and DEATHS, with the number of
SUPERINTENDENT REGISTRAR'S DISTRICT;

County and Superintendent Registrar's Districts.	Area, in Statute Acres.	Popu- lation in 1901.	Marriages.	Births.	Deaths.	The Deaths registered during the year					
						Deaths of		Deaths from			
						Children under one year of age.	Persons aged 65 years and upwards.	Small-pox.	Measles.	Scarlet fever.	Typhoid.
III. PROVINCE OF ULSTER.											
19. Antrim Co.											
88 Antrim,	117,127	92,734	175	811	337	35	937	.	1	2	2
89 Ballynure,	101,287	10,289	85	340	210	17	111	.	.	.	.
90 Ballymena,	141,382	87,134	218	1,854	1,854	158	978	.	1	9	1
91 Ballynure,	136,818	38,018	140	554	479	48	340	.	.	.	1
92 Belfast,	49,372	250,282	1,384	7,849	2,414	869	972	.	18	127	24
93 Larne,	115,800	36,304	170	1,600	714	88	182	.	.	22	.
20. Armagh Co.											
94 Armagh,	124,245	55,840	207	1,299	1,010	118	649	.	8	3	2
95 Lurgan,	79,948	55,840	108	1,780	1,091	168	964	.	.	3	1
96 Newry,	177,974	47,712	243	1,635	1,118	122	338	.	1	9	14
21. Carrick Co.											
97 Ballinaboy,	55,215	20,779	47	890	391	21	141	.	.	1	.
98 Ballyboy,	104,489	26,181	71	812	267	28	170	.	9	1	.
99 Carrick,	105,588	44,739	187	1,000	766	85	348	.	8	8	6
100 Castlebl,	208,848	33,384	165	838	481	19	220	.	.	.	.
101 Omeau,	88,888	28,187	89	428	364	23	101	.	.	.	9
22. Donegal Co.											
102 Ballyshannon,	112,240	18,813	78	841	809	48	170	.	1	.	7
103 Donegal,	105,681	28,815	18	628	547	28	101	.	7	2	1
104 Donaghadee,	118,879	18,781	88	628	548	58	206	.	20	9	8
105 Glenties,	105,681	28,881	107	814	489	85	310	.	1	1	1
106 Inishowen,	118,843	18,866	112	788	477	19	218	.	.	13	9
107 Letterkenny,	105,247	18,811	84	888	224	17	287	.	.	3	10
108 Millard,	111,734	38,881	83	844	363	29	140	.	7	2	6
109 Stranorlar,	114,112	17,848	96	888	738	28	110	.	1	.	1
23. Down Co.											
110 Banbridge,	138,148	87,881	288	1,880	944	84	384	.	.	8	6
111 Donaghadee,	141,441	40,288	209	1,888	484	77	405	.	1	4	2
112 Killybeg,	81,888	18,877	111	688	288	39	181	.	.	.	2
113 Lisburn,	118,881	48,818	784	1,288	1,088	188	888	.	.	30	2
114 Newtownards,	88,888	68,881	288	1,117	771	28	808	.	.	20	1
24. Fermanagh Co.											
115 Enniskillen,	108,888	48,282	188	828	814	71	311	.	.	.	.
116 Drinahore,	78,881	17,888	84	844	287	18	181	.	1	.	1
117 Lisburn,	88,788	28,844	88	888	888	22	144	.	9	7	1
25. Londonderry Co.											
118 Coleraine,	112,888	88,182	188	840	686	25	388	.	.	8	1
119 Limavady,	187,711	28,881	81	881	484	19	108	.	.	2	1
120 Londonderry,	144,888	88,811	288	1,884	1,288	148	328	.	1	67	11
121 Moyrath,	104,718	88,728	221	1,887	831	28	411	.	14	.	8
26. Monaghan Co.											
122 Carrickmacross,	48,881	18,477	88	888	282	88	138	.	.	1	7
123 Castleblaney,	84,881	28,881	181	788	307	40	818	.	.	2	6
124 Clontarf,	78,881	28,468	88	848	288	38	148	.	.	.	.
125 Monaghan,	118,781	84,867	117	870	410	41	388	.	.	.	8
27. Tyrone Co.											
126 Carrickfergus,	81,781	18,881	81	881	114	17	388	.	.	.	.
127 Clontarf,	181,878	22,288	81	888	818	24	188	.	.	1	4
128 Coleraine,	84,788	88,888	120	811	428	88	160	.	2	.	8
129 Dungannon,	104,848	41,418	171	211	611	71	381	.	.	4	1
130 Gort,	118,881	14,378	80	343	171	13	81	.	.	21	.
131 Omagh,	174,717	42,788	181	838	678	28	880	.	.	8	18
132 Strabane,	104,401	87,118	154	778	488	28	878	.	.	8	28

DEATHS from the principal ZYMOIC DISEASES registered in each
together with VACCINATION STATISTICS—continued.

as stated by the Registrar to include							Vaccination Returns for the Year.						Continued and Superintendent Registrar's Districts.
Deaths from						Deaths in Public Insti- tutions.	Number of successful pri- mary vaccinations.	Number of Cases in which Vaccination was post- poned during the first quarter of the year.	Number of Persons immu- nized by Vaccination.	No. of Unvaccinated Child- ren under 15 months old, whose names were regis- tered during the year.	Total of the foregoing.		
Whooping-cough.	Dysentery.	Shingles and other skin diseases.	Erysipelas.	Diphtheria.	Cholera.								
III. PROVINCE OF ULSTER.													
19. Antrim Co.													
10	4	1	8	8	-	34	44	370	14	3	21	739	Antrim.
8	4	-	4	1	-	8	14	338	9	-	8	364	Ballycastle.
13	8	6	8	24	8	53	77	1,447	17	-	34	1,581	Ballymena.
4	4	0	4	4	-	14	40	443	24	-	43	739	Ballymoney.
65	47	50	80	244	-	380	434	6,714	33	7	474	7,181	Dublin.
4	1	-	8	17	-	18	40	406	8	-	36	474	Larne.
20. Armagh Co.													
40	5	6	5	14	-	14	24	1,710	43	1	25	1,781	Armagh.
44	1	2	8	20	-	23	144	1,470	44	-	127	1,631	Lurgan.
7	7	1	5	14	1	14	25	1,479	14	1	45	1,498	Scrry.
21. Carrick Co.													
-	-	-	4	8	-	8	20	473	14	1	44	491	Ballyhenagh.
4	6	-	1	1	-	6	14	420	14	-	14	473	Downley.
3	-	-	8	6	-	14	41	413	44	47	41	1,414	Carrick.
2	6	-	1	4	-	8	40	440	7	-	12	474	Castledill.
1	1	1	1	1	1	8	29	400	8	-	34	440	Offinagh.
22. Donegal Co.													
2	-	2	1	3	-	15	34	477	4	1	23	534	Ballydoonan.
1	1	1	4	2	1	14	11	440	42	1	14	491	Donnyl.
8	-	-	4	3	-	-	24	410	33	-	14	467	Stranabeg.
-	1	-	1	3	-	15	14	414	34	1	45	464	Glenties.
3	1	-	4	4	-	4	40	741	34	4	43	819	Delamere.
2	2	-	1	3	-	3	40	344	8	-	12	364	Lecternaghy.
-	-	4	6	9	-	1	22	447	14	-	14	474	Millford.
10	-	4	4	-	-	4	6	344	12	-	41	441	Stranabeg.
23. Down Co.													
17	4	8	4	14	-	8	43	1,230	15	1	45	1,333	Enniskerry.
24	4	-	4	12	-	14	44	1,410	14	8	44	1,477	Downpatrick.
-	-	1	-	-	-	3	12	450	4	9	14	477	Effinagh.
14	1	4	8	17	-	14	24	1,470	8	4	70	1,573	Lisburn.
4	3	3	4	6	-	20	41	1,514	15	14	44	1,601	Stranabeg.
24. Fermanagh Co.													
2	-	2	2	6	-	14	44	344	15	4	41	401	Enniskerry.
-	1	-	1	1	-	4	20	414	14	1	27	451	Trillick.
-	-	2	4	9	-	7	30	470	4	4	34	504	Lisburn.
25. Londonderry Co.													
11	3	-	4	8	-	23	44	744	7	4	44	834	Columba.
10	-	-	-	9	1	8	24	472	9	4	44	534	Lisnaw.
10	3	3	4	17	-	34	133	1,144	41	-	27	1,244	Londonderry.
9	4	4	4	13	-	13	47	447	30	-	43	1,043	Highland.
26. Monaghan Co.													
-	4	4	-	3	-	7	44	411	4	-	39	451	Carrickmacross.
-	-	-	-	4	1	14	14	474	14	-	43	513	Carrickmacross.
4	1	1	-	9	-	4	14	443	7	4	14	464	Glenties.
2	2	-	-	8	-	8	40	437	14	14	44	491	Monaghan.
27. Tyrone Co.													
1	-	-	3	1	-	-	31	314	-	-	34	374	Castlederg.
8	-	-	8	1	-	8	44	414	12	-	14	447	Clough.
2	3	-	1	10	-	14	14	444	30	14	41	514	Cookstown.
17	14	1	4	14	-	23	44	474	14	-	44	513	Downpatrick.
-	-	-	-	-	-	-	-	444	3	4	4	454	Gortin.
-	4	4	1	9	-	14	114	474	41	-	27	1,094	Downpatrick.
14	-	1	-	7	-	8	74	444	30	9	44	741	Stranabeg.

MARRIAGES, BIRTHS, and DEATHS, with the number of
SUPERINTENDENT REGISTRAR'S DISTRICT;

Counties and Superintendent Registrar's Districts.	Area, in Statute Acres.	Popu- lation in 1881.	Marriage- s.	Births.	Deaths.	The Deaths registered during the year					
						Deaths of		Deaths from			
						Children under one year of age.	Persons aged 15 years and upwards.	Small-pox.	Measles.	Scarlatina.	Dysent.
IV. PROVINCE OF CONNAUGHT.											
28. Galway Co.											
134	Ballynascally, . . .	390,107	22,008	27	438	554	28	145	1	4	1
135	Clifden, . . .	292,581	16,569	48	423	814	91	105	1	1	1
136	Galway, . . .	295,487	45,181	223	1,469	721	168	858	17	1	1
137	Glasnevin, . . .	295,514	39,074	61	483	809	59	180	1	1	1
138	Gort, . . .	296,048	24,028	37	351	373	18	109	2	1	1
139	Leighlin, . . .	296,813	35,569	51	487	664	55	143	4	1	1
140	Monaghan, . . .	297,418	37,812	40	480	345	55	107	1	1	1
141	Oughterford, . . .	275,380	30,708	89	437	480	33	64	5	3	1
142	Portlaoine, . . .	276,681	35,518	40	387	179	26	66	1	1	1
143	Town, . . .	282,548	40,812	87	768	680	70	810	18	1	1
29. Leitrim Co.											
144	Carrick-on-Shannon, . . .	100,546	14,051	163	461	251	37	348	1	1	1
145	Meeremont, . . .	141,847	18,133	144	648	656	46	337	1	1	1
146	Moill, . . .	87,618	10,008	100	402	400	12	361	1	1	1
30. Mayo Co.											
147	Ballyva, . . .	180,418	26,780	70	438	457	43	280	13	1	1
148	Ballyva, . . .	145,108	20,180	73	664	688	68	230	28	1	1
149	Ballyva, . . .	177,613	14,403	28	458	145	38	335	7	1	1
150	Carleton, . . .	148,618	22,278	78	671	608	64	364	38	1	1
151	Claremorris, . . .	178,713	24,074	100	606	408	80	516	25	6	1
152	Elphin, . . .	164,618	16,388	18	438	77	1	30	1	1	1
153	Kesh, . . .	179,418	14,721	41	482	178	38	264	1	1	1
154	Swetford, . . .	151,414	28,714	543	1,073	721	98	811	21	1	1
155	Westport, . . .	173,618	14,721	88	671	381	68	186	6	2	1
31. Roscommon Co.											
156	Athlone, . . .	188,618	21,227	100	671	423	80	168	1	2	1
157	Boyle, . . .	188,618	41,078	145	384	484	27	388	7	1	1
158	Castlerea, . . .	163,618	45,467	123	489	477	64	183	27	1	1
159	Donnycrow, . . .	174,618	20,407	73	444	340	80	188	1	1	1
160	Stockport, . . .	160,618	21,734	79	488	610	80	125	5	1	1
32. Sligo Co.											
161	Donnycrow West, . . .	86,618	13,548	40	600	168	80	68	1	1	1
162	Sligo, . . .	148,618	46,088	140	618	608	54	310	7	3	1
163	Teknary, . . .	138,716	16,741	40	478	361	51	120	4	1	1

DEATHS from the principal ZYMOTIC DISEASES registered in each
together with VACCINATION STATISTICS—continued.

are stated by the Registrar to include							Vaccination Return for the Year.						Coroners and Superintendent Registrar/ District.
Deaths from						Deaths in Public Institutions.	Number of successful primary Vaccinations.	Number of Cases in which Vaccination was not proved during the last quarter of the year.	Number of Persons homo-typhoid of Vaccination.	No. of Disinfectants distributed under a contract, whose duties were registered during the year.	Total of the foregoing.		
Whooping-cough.	Erysipelas.	Scarlet fever and Malignant Fever.	Etiatic Fever.	Diphtheria.	Cholera.								
Typhoid Fever.													
IV. PROVINCE OF CONNAUGHT.													
28. Galway Co.													
10	1	1	1	1	1	10	101	507	3	1	10	101	Ballinacorney.
10	1	1	1	1	1	1	10	794	25	1	10	100	Clifton.
10	1	1	1	1	1	10	118	1,819	10	1	10	1,200	Galway.
10	1	1	1	1	1	10	12	125	11	1	10	100	Glenamaddy.
10	1	1	1	1	1	10	10	100	2	1	10	100	Gal.
10	1	1	1	1	1	10	10	100	10	1	10	100	Longway.
10	1	1	1	1	1	10	10	100	10	1	10	100	Monaghan.
10	1	1	1	1	1	10	10	100	10	1	10	100	Oughter.
10	1	1	1	1	1	10	10	100	10	1	10	100	Portlaoine.
10	1	1	1	1	1	10	10	100	10	1	10	100	Tuan.
29. Leitrim Co.													
10	1	1	1	1	1	10	10	100	10	1	10	100	Carrick-on-Shannon.
10	1	1	1	1	1	10	10	100	10	1	10	100	Monaghan.
10	1	1	1	1	1	10	10	100	10	1	10	100	Moyle.
30. Mayo Co.													
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballin.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
10	1	1	1	1	1	10	10	100	10	1	10	100	Ballinacorney.
31. Roscommon Co.													
10	1	1	1	1	1	10	10	100	10	1	10	100	Albion.
10	1	1	1	1	1	10	10	100	10	1	10	100	Boyle.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
10	1	1	1	1	1	10	10	100	10	1	10	100	Castlerea.
32. Sligo Co.													
10	1	1	1	1	1	10	10	100	10	1	10	100	Drumohilly.
10	1	1	1	1	1	10	10	100	10	1	10	100	Sligo.
10	1	1	1	1	1	10	10	100	10	1	10	100	Termon.

ANNALS OF HYDROGRAPHICAL SURVEYING, taken at 40, FORTIFICATION ROAD, WEST, DUBLIN, during the Year 1884, by J. W. MOORE, R.N., Captain, R.N.A.S., Hydrographer.
Long. 4° 10' W., Lat. 53° 10' N.; Height above Mean Sea Level, 51 feet; Temperature, 3 feet above ground, 51°; 4 inches above ground,

DATE.	Hour.	Air Temperature.										Surface of Water.			Surface of Soil.			Rain Fall.			Winds.							Waves.							
		5 A.M.		10 A.M.		5 P.M.		10 P.M.		Mean.		Therm.	Bar.	Wind.	Therm.	Bar.	Wind.	Therm.	Bar.	Wind.	Direction and Force.							Direction and Force.							
		Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.										Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.	Wind.	Force.
January.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
February.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
March.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
April.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
May.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
June.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
July.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
August.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
September.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
October.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
November.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
December.	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	1884	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	

TABLE showing the Monthly and Yearly Rainfall at Dublin during the Twenty Years 1865 to 1884, inclusive.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Yearly Rainfall.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1865, . . .	2.045	2.071	1.479	2.061	2.413	2.57	2.613	2.024	2.218	2.624	2.325	2.102	27.957
1866, . . .	2.568	2.965	2.925	2.213	2.335	2.958	2.918	2.173	2.728	2.722	2.665	1.638	35.125
1867, . . .	2.968	1.868	4.072	2.081	2.064	2.311	2.448	1.755	2.128	2.946	2.236	2.71	27.941
1868, . . .	2.055	1.268	2.645	1.826	1.661	2.57	2.42	2.745	2.084	2.56	2.146	2.765	29.054
1869, . . .	4.558	2.212	2.925	2.466	2.414	2.91	2.99	2.362	2.932	2.024	1.898	2.284	37.188
1870, . . .	2.247	1.416	2.584	2.59	1.547	2.99	2.93	1.914	1.934	2.184	1.215	2.115	20.953
1871, . . .	2.084	1.668	2.11	2.162	2.16	2.211	2.002	2.066	2.068	2.027	2.286	2.73	22.985
1872, . . .	2.864	2.247	2.413	2.022	2.394	2.975	1.618	4.269	2.484	2.431	2.614	4.912	34.566
1873, . . .	2.646	2.91	2.911	1.69	2.97	2.95	2.446	2.914	2.216	2.903	2.600	2.92	27.919
1874, . . .	2.016	2.265	2.62	2.061	1.737	4.61	2.418	4.246	2.568	2.965	2.179	2.917	37.188
1875, . . .	2.161	2.427	1.646	1.666	1.671	2.685	2.513	1.973	2.125	2.644	2.661	1.916	26.946
1876, . . .	2.651	2.062	2.146	2.401	2.76	2.760	1.937	2.918	2.246	4.263	2.624	2.626	29.088
1877, . . .	4.222	1.789	2.746	4.769	2.568	2.921	2.769	2.928	2.715	2.933	2.426	2.969	29.146
1878, . . .	2.627	1.229	2.167	2.246	2.646	2.685	2.689	2.437	2.656	2.666	2.668	2.616	25.262
1879, . . .	1.716	2.766	1.927	1.567	2.616	4.644	4.187	2.704	2.616	1.922	2.752	1.952	29.956
1880, . . .	2.62	2.612	2.126	2.922	2.917	2.166	2.967	1.461	2.462	2.726	2.803	2.958	34.622
1881, . . .	2.968	2.718	1.966	1.926	2.629	2.666	2.665	2.796	1.916	2.616	2.122	2.929	29.956
1882, . . .	1.416	2.665	2.666	2.226	2.822	2.964	2.712	1.972	2.616	2.904	2.914	1.167	37.188
1883, . . .	2.916	2.716	2.626	2.226	2.916	2.612	2.916	2.627	2.917	2.916	2.676	1.987	35.021
1884, . . .	2.216	2.616	2.969	2.916	1.916	1.946	2.261	2.71	1.914	2.614	2.412	2.166	29.667
Mean, . . .	2.942	2.664	2.611	2.622	2.516	1.946	2.416	2.167	2.256	2.626	2.216	2.626	26.612

* September, 1865, was the driest month of the twenty years.
† December, 1871, was the month of the heaviest rainfall.

‡ July, 1871, was the wettest month of the twenty years.
§ Heaviest rainfall in 24 hours = 2.722 inches, on October 25th, 1873.

TABLE showing the Monthly and Yearly Number of Rainy Days* at Dublin during the Twenty Years 1865 to 1884, inclusive.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total Rainy Days.
1865, . . .	13	20	14	9	19	5	17	19	23	17	20	15	169
1866, . . .	23	23	21	18	19	17	15	20	22	15	15	19	215
1867, . . .	17	18	25	25	15	8	17	16	13	20	8	12	187
1868, . . .	17	14	11	12	16	6	5	16	13	15	19	27	166
1869, . . .	18	18	17	14	19	11	9	16	21	11	17	20	162
1870, . . .	14	18	11	8	14	9	8	7	11	18	11	16	165
1871, . . .	20	16	19	20	8	16	23	13	18	18	16	15	201
1872, . . .	20	20	21	12	22	19	22	17	23	27	24	24	238
1873, . . .	21	8	23	8	17	18	23	23	18	16	14	7	209
1874, . . .	14	12	12	16	14	9	19	13	19	22	16	16	186
1875, . . .	23	17	14	18	18	20	18	14	14	28	16	13	206
1876, . . .	9	23	26	17	8	14	10	14	17	20	20	22	195
1877, . . .	25	16	20	21	18	19	25	24	16	18	22	17	229
1878, . . .	20	14	17	16	20	19	9	22	18	13	11	19	209
1879, . . .	20	23	18	17	20	24	24	16	18	14	10	10	203
1880, . . .	8	17	16	20	9	18	24	10	16	16	20	16	186
1881, . . .	14	18	17	13	15	21	16	21	12	18	18	16	196
1882, . . .	17	16	17	20	16	25	22	11	22	20	24	21	227
1883, . . .	20	17	12	10	15	18	22	14	14	18	19	13	188
1884, . . .	18	20	17	11	12	10	25	8	14	14	14	20	187
Mean, . . .	17.1	17.0	18.6	15.0	15.1	16.7	17.6	16.5	14.6	17.2	16.6	17.0	194.6

* On days on which "1 inch, or upwards, of rain fell within the 24 hours.
† Wettest month of the twenty years. Rainfall = 2.916 inches.
‡ Driest month of the twenty years. Rainfall = .666 inches.
§ Month of the heaviest rainfall = 2.722 inches.

TABLE showing the Temperature of the Air in Dublin in 1884, and the Average Temperature for the Twenty Years 1865 to 1884, inclusive.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1865, . . .	37.1	40.4	40.4	50.5	59.5	59.0	62.5	59.3	60.2	49.9	44.4	48.0	50.0
1866, . . .	40.0	39.0	41.1	47.0	49.5	50.0	59.0	57.9	51.0	50.5	45.4	44.4	48.6
1867, . . .	35.0	45.0	39.5	45.9	50.9	57.6	57.5	60.5	55.5	49.5	42.5	41.4	48.0
1868, . . .	41.2	44.0	40.8	48.3	54.6	58.0	51.7	58.4	50.8	45.9	43.7	44.1	50.4
1869, . . .	42.4	45.0	40.3	49.1	47.8	54.9	61.9	59.2	58.0	51.1	44.5	39.1	48.0
1870, . . .	40.7	39.9	45.8	48.6	49.0	58.0	60.1	58.4	58.1	50.4	41.8	50.7	49.0
1871, . . .	37.3	46.3	45.6	49.7	55.6	56.0	59.2	59.3	59.0	50.7	42.8	45.4	49.5
1872, . . .	41.6	45.2	48.1	47.6	48.0	53.5	61.5	59.0	54.5	46.5	43.6	43.6	49.5
1873, . . .	42.3	37.1	45.0	46.5	49.7	57.5	60.2	59.9	58.0	47.1	49.1	54.7	49.5
1874, . . .	40.6	41.6	48.6	49.2	49.3	50.8	60.6	58.0	54.9	49.5	45.6	50.1	49.5
1875, . . .	48.5	40.3	49.1	48.4	49.7	53.6	57.0	60.0	57.9	49.8	45.6	40.4	49.5
1876, . . .	45.5	41.6	49.2	49.0	49.4	50.7	60.7	59.9	54.0	52.4	48.0	44.0	49.0
1877, . . .	45.6	42.9	41.4	48.4	48.7	57.6	57.5	57.6	58.4	50.1	49.0	41.5	49.5
1878, . . .	42.4	48.0	49.6	47.6	49.4	57.5	51.0	59.6	55.6	50.7	57.0	52.0	49.4
1879, . . .	54.7	39.9	41.6	49.7	47.5	54.0	59.8	59.0	55.5	49.0	49.1	57.0	49.4
1880, . . .	59.0	44.2	44.4	49.8	51.0	58.0	57.9	60.5	57.6	46.6	49.4	41.6	49.5
1881, . . .	53.4	39.9	49.6	44.7	53.3	48.0	59.9	59.0	58.5	47.2	49.4	39.0	47.5
1882, . . .	49.0	45.4	45.0	44.0	52.0	54.7	53.6	59.2	53.9	49.0	43.7	57.4	49.5
1883, . . .	49.4	49.6	39.0	45.6	50.6	58.6	56.0	58.8	54.5	49.0	49.6	41.6	49.5
1884, . . .	44.5	43.4	44.0	45.3	51.6	50.8	59.7	60.5	55.0	49.2	43.0	40.8	49.4
Average, . . .	40.3	42.0	43.7	47.0	50.0	50.6	59.3	58.0	55.1	48.2	45.7	40.6	48.0

R.B.—The temperatures given above were deduced from the maximal and minimal readings of the Thermometer by Everett's Formula— $\text{V.M.} + \frac{1}{2} \{ \text{max.} - \text{min.} \} = \text{Mean Temperature.}$